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OFFICIAL

FACSIMILE COVER SHEET

TO: Examiner Long PHAM; USPTO – Art Unit 2814

CLIENT NAME/NUMBER: 62602

TELEPHONE: 1-571-272-1714

FAX NO: 1-703-872-9306

FROM: Christopher F. Regan, Esq.

DATE: August 3, 2004

NUMBER OF PAGES (INCLUDING COVER SHEET): 3

COMMENTS/INSTRUCTIONS:

Please see attached Response to Election Requirement in reply to the Examiner's Election Requirement of July 7, 2004 for U.S. patent application serial no. 10/647,062.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Patent Application of:)
MEARS ET AL.) Examiner: L. PHAM
Serial No. 10/647,069) Art Unit: 2814
Filing Date: AUGUST 22, 2003) Attorney Docket No. 62602
For: SEMICONDUCTOR DEVICE INCLUDING)
MOSFET HAVING BAND-ENGINEERED)
SUPERLATTICE)

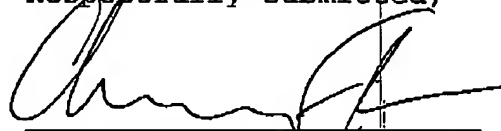
RESPONSE TO ELECTION REQUIREMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the election requirement of July 7, 2004, Applicants elect specie I as disclosed in Claims 1-20, 35-45 and 53-71 for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Independent Claim 1 is generic to all of the claims. If prosecution on the merits can be advanced through a telephonic interview, the Examiner is encouraged to contact the undersigned attorney at the number listed below.

Respectfully submitted,

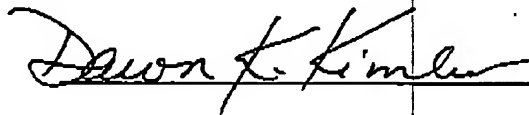


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In re Patent Application of:
MEARS ET AL.
Serial No. 10/647,069
Filed: AUGUST 22, 2003

CERTIFICATE OF FACSIMILE TRANSMISSION

I HEREBY CERTIFY that the foregoing correspondence has been forwarded via facsimile number 703-872-9306 to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 this 3rd day of August, 2004.


Dawn K. Kimler